

## Environmental Leader Facility City of Mandeville Department of Public Works Wetland Assimilation Program Wastewater Treatment System



The City of Mandeville's Department of Public Works is responsible for wastewater treatment including I & I program and watershed management of storm water runoff from non-point source pollution. Mandeville's Drain Team promotes education and public awareness on drainage, stormwater runoff, and non-point source pollution. Mandeville's Wetland Education Program offers a unique educational field trip program wherein school-aged children tour the biological wastewater facility, take factual water samples, and experience "hands-on" activities related to wetlands and wetland assimilation. This program is also available for an individual or organization interested in wetlands.

## **Pollution Prevention Highlights**

- 2004 Acquisition of LDEQ LPDES Permit for Wetland Assimilation and construction of Aquatic Ecosystem Restoration Project
- 2003 Commencement of Wetland Education Program field trip
- 2001 Completion of retrofit of wastewater treatment plant, acquisition of approximately 1200 acre wetland tract for disbursement of effluent in wetland assimilation project
- 2000 Commencement of Retrofit Construction of Wastewater Treatment Facility
- 1999 Establishment of Use Attainability Analysis of Municipal Wastewater Discharge by Dr. John Day of LSU, Department of Coastal Ecology

## **Pollution Prevention Goals**

	Year	Target	Comments	Enhancement
	Initiated	Year		to Wetlands
Tertiary Wastewater	2004	2007	Wetland Assimilation	80% -90%
Treatment	2004	2007		8070 -9070
Tertiary Wastewater	2004	2006	Wetland Assimilation	70% - 80%
Treatment	2004	2000		7070 - 8070
Tertiary Wastewater			Initiation of Wastewater	
Treatment	2004	2005	Treatment through Wetland	50%
			Assimilation of 1200 Acre Tract	

**Leadership Program** 

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